/ISUS®
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Cod. Articolo 33.5054
90MB0HA0-M0EAY0 - A55BM-A/USB3 - 4716659561934 - ASUS

MB ASUS A55BM-A/USB3 AMD FM2+ A55 2D3DC-2133 VGA
HD7/8000 DSUB DVI HDMI 1PCIE3.0-16X 6SATA2R 2USB3
GLAN MATX 90MB0HA0-M0EAY0

Windows Ready 8.1
Delivers ASUS utilities for OS upgrade

CPU
AMD Socket FM2+ Athlon™/A- Series Processors
Supports CPU up to 4 cores
Supports AMD® Turbo Core 3.0 Technology
* Refer to www.asus.com for CPU support list

Chipset
AMD A55 FCH (Hudson D2)

Memory
2 x DIMM, Max. 32GB, DDR3 2133/1866/1600/1333 MHz Non-ECC, Un-buffered Memory
Dual Channel Memory Architecture
Support AMD Memory Profile (AMP) memory
* The Max. 32GB memory capacity can be supported with DIMMs of 16GB (or above). ASUS will update QVL once the DIMMs are available on the market.
* Hyper DIMM support is subject to the physical characteristics of individual CPUs.
* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
* Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Install a
64-bit Windows® OS when you want to install 4GB or more memory on the motherboard.

Graphic
Integrated AMD Radeon™ R/HD7000 Series Graphics in the A-Series APU
Multi-VGA output support : HDMI/DVI/RGB ports
- Supports HDMI with max. resolution 4096 x 2160 @ 24 Hz / 1920 x 1200 @ 60 Hz*1
- Supports DVI with max. resolution 2560 x 1600 @ 60 Hz
- Supports RGB with max. resolution 1920 x 1600 @ 60 Hz
Maximum shared memory of 2048 MB
AMD® Dual Graphics technology support *2

Expansion Slots
1 x PCIe 3.0/2.0 x16 *3
1 x PCIe 2.0 x1
1 x PCI

Storage
AMD A55 FCH (Hudson D2) chipset :
6 x SATA 3Gb/s port(s), dark brown
Support Raid 0, 1, 10, JBOD

LAN
Realtek® 8111G, 1 x Gigabit LAN Controller(s)

Audio
Realtek® ALC887-VD 8-Channel High Definition Audio CODEC *4
- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking

USB Ports
ASMedia® ASM1042 controller :
2 x USB 3.0/2.0 port(s) (2 at back panel, blue)

AMD A55 FCH (Hudson D2) chipset :
6 x USB 2.0/1.1 port(s) (2 at back panel, black, 4 at mid-board)

Special Features
ASUS 5X Protection :
- ASUS DIGI+ VRM - 3 + 1 Phase digital power design
- ASUS Enhanced DRAM Overcurrent Protection - Short circuit damage prevention
- ASUS ESD Guards - Enhanced ESD protection
- ASUS High-Quality 5K-Hour Solid Capacitors - 2.5x long lifespan with excellent durability
- ASUS Stainless Steel Back I/O - 3x more durable corrosion-resistant coating
ASUS EPU :
- EPU
ASUS Exclusive Features :
- AI Suite 3
- Ai Charger+
- Anti-Surge
- ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface
- Network iControl
- USB 3.0 Boost
- Disk Unlocker
ASUS Quiet Thermal Solution :
- Stylish Fanless Design Heat-sink solution
- ASUS Fan Xpert
ASUS EZ DIY :
- ASUS CrashFree BIOS 3
- ASUS EZ Flash 2
- ASUS MyLogo 2
ASUS Q-Design :
- ASUS Q-Slot

Operating System Support
Windows® 8.1 , 32bit/64bit
Windows® 8 , 32bit/64bit
Windows® 7 , 32bit/64bit
Windows® Vista , 32bit/64bit
Windows® XP , 32bit

Back I/O Ports
1 x PS/2 keyboard (purple)
1 x PS/2 mouse (green)
1 x DVI
1 x D-Sub
1 x HDMI
1 x LAN (RJ45) port(s)
2 x USB 3.0
2 x USB 2.0
3 x Audio jack(s)

Internal I/O Ports
2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)
1 x COM port(s) connector(s)
6 x SATA 3Gb/s connector(s)
1 x CPU Fan connector(s)
1 x Chassis Fan connector(s)
1 x S/PDIF out header(s)
1 x 24-pin EATX Power connector(s)
1 x 4-pin ATX 12V Power connector(s)
1 x Front panel audio connector(s) (AAFP)
1 x Internal speaker connector(s)
1 x System panel(s)

Accessories
User's manual
I/O Shield
2 x SATA 3Gb/s cable(s)

BIOS
64 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.6, ACPI 4.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree BIOS 3, My Favorites, Quick Note, Last Modified log, F12 PrintScreen, F3 Shortcut functions and ASUS DRAM SPD (Serial Presence Detect) memory information

Support Disc
Drivers
ASUS utilities
ASUS Update
Anti-virus software (OEM version)

Form Factor
mATX Form Factor
8.9 inch x 7.2 inch (22.6 cm x 18.3 cm)

Note
*1: *Only FM2+ APU can support up to 4096 x 2160 resolution display via HDMI port.
*2: Refer to http://www.amd.com/us/products/technologies/dual-graphics/Pages/dual-graphics.aspx#3 for the discrete GPUs which support Dual Graphics technology.
*3: Only FM2+ Processors can support PCIe3.0.
*4: Use a chassis with HD audio module in the front panel to support an 8-channel audio output.